



CHALLENGE.  
CREATE.  
OUTPERFORM.

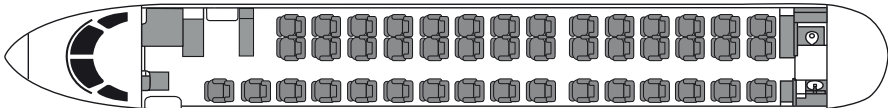


**ERJ140**





**ERJ 140 INTERIOR CONFIGURATION | 44 SEATS AT 31" PITCH**



**WEIGHTS**

**LR**

|                              |           |           |
|------------------------------|-----------|-----------|
| Maximum Takeoff Weight       | 21,100 kg | 46,517 lb |
| Maximum Landing Weight       | 18,700 kg | 41,226 lb |
| Basic Operating Weight (std) | 11,808 kg | 26,032 lb |
| Maximum Zero Fuel Weight     | 17,100 kg | 37,699 lb |
| Maximum Payload              | 5,292 kg  | 11,666 lb |
| Maximum Usable Fuel*         | 5,136 kg  | 11,322 lb |
| Maximum Usable Fuel          | 6,396 l   | 1,690 gal |

\* Fuel Density: 0.803 kg/l (6.70 lb/gal)

**PERFORMANCE**

**LR**

|                                                       |           |
|-------------------------------------------------------|-----------|
| Max Cruise Speed                                      | M 0.78    |
| Time to climb to FL350 TOW for 400 nm, full PAX       | 16 min    |
| Takeoff Field Length TOW for 400nm, full PAX, ISA, SL | 1,270 m   |
|                                                       | 4,167 ft  |
| Takeoff Field Length MTOW, ISA, SL                    | 1,850 m   |
|                                                       | 6,070 ft  |
| Landing Field Length MLW, ISA, SL                     | 1,380 m   |
|                                                       | 4,528 ft  |
| Service Ceiling                                       | 37,000 ft |
| Range MLW, ISA, SL                                    | 1,650 nm  |
|                                                       | 3,058 km  |